

Ikhtisham Mehmood

List of Publications by Year in descending order

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Version: 2024-02-01

10
papers

171
citations

1163117

8
h-index

1372567

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10
all docs

10
docs citations

10
times ranked

170
citing authors

#	ARTICLE	IF	CITATIONS
1	Development of narrow band emitting phosphors for backlighting displays and solid state lighting using a clean and green energy technology. Journal of Luminescence, 2022, 243, 118650.	3.1	11
2	Temperature sensing performance of ScVO ₄ : Eu ³⁺ phosphors by employing ground state thermal coupling approach. Journal of Alloys and Compounds, 2022, 906, 164340.	5.5	12
3	Broad band white-light-emitting Y ₅ Si ₃ O ₁₂ N:Ce ³⁺ /Dy ³⁺ oxonitridosilicate phosphors for solid state lighting applications. Journal of Luminescence, 2021, 229, 117687.	3.1	17
4	Investigation of silver doped CdS co-sensitized TiO ₂ /ClSe/Ag@CdS heterostructure for improved optoelectronic properties. Optical Materials, 2021, 111, 110645.	3.6	12
5	Significant SRS sensing behavior of hydrothermally silver decorated sandwiched-like vanadia (Ag@V ₂ O ₅) nanosheets toward ethanol. Applied Physics A: Materials Science and Processing, 2021, 127, 1.	2.3	2
6	Effect of Mg-doped CdS co-sensitization on performance of CuInSe ₂ quantum dot sensitized solar cells. Journal of Physics and Chemistry of Solids, 2021, , 110502.	4.0	3
7	New physical insight into crystal structure, luminescence and optical properties of YPO ₄ :Dy ³⁺ -Eu ³⁺ -Tb ³⁺ single-phase white-light-emitting phosphors. Journal of Alloys and Compounds, 2020, 817, 152687.	5.5	53
8	Mn doped CdS passivated CuInSe ₂ quantum dot sensitized solar cells with remarkably enhanced photovoltaic efficiency. RSC Advances, 2017, 7, 33106-33112.	3.6	16
9	Enhanced ultra-stable n-propylamine sensing behavior of V ₂ O ₅ /In ₂ O ₃ core-shell nanorods. RSC Advances, 2015, 5, 54412-54419.	3.6	21
10	Highly selective ethanol sensing properties of hydrothermally synthesized cerium orthovanadate (CeVO ₄) nanorods. Materials Letters, 2015, 154, 144-147.	2.6	24